

SECTION VI.—BIBLIOGRAPHY.

RECENT ADDITIONS TO THE WEATHER BUREAU LIBRARY.

C. FITZHUGH TALMAN, Professor in charge of Library.

The following have been selected from among the titles of books recently received as representing those most likely to be useful to Weather Bureau officials in their meteorological work and studies:

Allahabad. Meteorological office.

Administrative report of the meteorologist at Allahabad, for the year 1913-1914. Allahabad. 1914. 4 p. f°.

Brief sketch of the meteorology of the United Provinces [of Agra and Oudh], and adjacent parts of Rajputana and the Punjab, for the year 1913. Allahabad. 1914. 7 p. f°.

Amur. Meteorologicheskago biuro.

Izvestia. [Bulletin.] Vypusk 1-2, 1913-1914. Blagovieschensk. 1913-1914. 2 v. 8°. [Text in Russian.]

Bergedorf. Hamburger Sternwarte.

Meteorologische Beobachtungen im Jahre 1913. Hamburg. 1914. 49 p. 4°.

Bok, & Motz, Th.

Kleine Wetterkunde für Schule und Haus. Gebweiler. 1914. 55 p. 8°.

Egypt. Meteorological service.

Rains of the Nile basin and the Nile flood of 1912. Cairo. 1914. 104, xii p. maps. 4°. (Survey department paper no. 32.)

Great Britain. Board of trade.

Report on the work carried out by the S. S. "Scotia," 1913. [Ice observations, meteorology, and oceanography in the North Atlantic ocean.] London. 1914. 141 p. f°. [With separate volume of maps, charts, and diagrams.]

Hesse. Grossherzogliches hydrographisches Bureau.

Deutsches meteorologisches Jahrbuch für 1913. Hessen. 13. Jahrgang. Darmstadt. 1914. (16), 65 p. map. f°.

Hörbiger, Hanns.

Wirbelstürme, Wetterstürze, Hagelkatastrophen und Marskanal-Verdopplungen. Eine auszugweise Teilerklärung aus dem einheitlich durchgearbeiteten Grundgedanken eines kosmischen Neptunismus. Kaiserlautern. 1913. xiv, 77 p. 4°.

Huntington, Ellsworth.

The solar hypothesis of climatic changes. 477-590 p. 4°. (Reprinted from the Bulletin of the Geological society of America, v. 25. Published November 2, 1914.)

Lindenbergh. K. Preussisches aeronautisches Observatorium.

Arbeiten, 1913. 9. Band. Braunschweig. 1914. xlviii, 544 p. f°.

Lurquin, Constant.

Meteorología Boliviana. [Sucre. 1914.] 29 p. 8°. [Describes the "Observatorio meteorológico del Instituto médico Sucre" and the proposed national meteorological service for Bolivia.]

Moore, Henry Ludwell.

Economic cycles: their law and cause. New York. 1914. viii, 149 p. 8°. [Contains chapters on cycles of rainfall and the crops.]

Murphy, Robert Cushman. ed.

A report of the South Georgia expedition. [Brooklyn.] 1914. 43-102 p. 5 plates. 4°. (Museum of the Brooklyn institute of arts and sciences. Science bulletin, vol. 2, no. 4.) [Climate, p. 55-59.]

Netherlands. K. Meteorologisch Instituut.

Monthly meteorological data for ten-degree squares in the Atlantic and Indian oceans. Computed from international logs and observations. 1. 1913. Utrecht. 1914. 2 pts. f°. ([Publication] no. 107.)

Monthly meteorological data for ten-degree squares in the Atlantic and Indian oceans. Computed from Swedish and Dutch observations 1900-1912, and from International observations January-June 1913. Utrecht. 1914. iv, 24 p. f°. ([Publication] no. 107A.) [Gives monthly values for each year from 1900 to June 1913, from which nominals may be computed for comparison with current values hereafter published.]

Nichols, John Benjamin.

The influence of atmospheric conditions on the vital processes. 24 p. 12°. (Reprinted from the Virginia medical semi-monthly, Dec. 11, 1914.)

Parma. Ufficio idrografico del Po.

Istruzioni per la misura delle precipitazioni meteoriche. Parma. 1913. 3 pts. 4°. [Pt. 1. Pluviometro comune; pt. 2. Pluviografo; pt. 3. Pluvionivometro.]

Istruzioni per la misura della temperatura dell' acqua dei fiumi. Parma. 1913. 6 p. 4°.

Il pluvionivometro totalizzatore dell' Ufficio idrografico del Po. Cenni illustrativi e istruzioni. Parma. 1914. 7 p. plate. 4°.

Philipp, H[ans Hermann].

Ergebnisse der W. Filchner'schen Vorexpedition nach Spitzbergen 1910. Gotha. 1914. vi, 79 p. 15 plates. 4°. (Ergänzungsheft Nr. 179 zu Petermanns Mitteilungen.) [Contains contributions by E. Barkow; viz, "Meteorologische Beobachtungen im innern Spitzbergens," "Luftelektrische Messungen in Spitzbergen und im nördlichen Eismeer," etc.]

Piancastelli, Carlo.

Fronostici ed almanacchi. Studio di bibliografia romagnola. Roma. 1913. 121 p. 8°.

Pontificia accademia romana dei Nuovi Lincei.

Memorie. v. 31. Roma. 1913. 339 p. 4°.

Reed, William Gardner.

Climatic provinces of the western United States. 19 p. 8°. (Reprinted from the Bulletin of the American geographical society, v. 47, January, 1915.)

Ruppel, Sigwart.

Blitzschutz von Eisenbetonbauten. Vortrag gehalten auf der 17. Hauptversammlung des "Deutschen Beton-Vereins" in Berlin. [Berlin. 1914.] 7 p. f°. (Sonderabdruck aus "Deutsche Bauzeitung," Mitteilungen über Zement, Beton- und Eisenbetonbau, 11. Jahrgang 1914, No. 6, 8, und 9.)

Vereinfachte Blitzableiter. 3. vollständig umgearbeitete Auflage. Mit 80 Textfiguren. Berlin. 1914. iv, 134 p. 16°.

Vereinfachung des Gebäudeblitzschutzes. Vortrag gehalten im Elektrotechnischen Verein in Wien am 18. März 1914. Wien. [1914.] 5 p. f°. (Sonderabdruck aus "Elektrotechnik und Maschinenbau," Zeitschrift des Elektrotechnischen Vereines in Wien, Heft 25, 1914.)

Schmidt, Alb.

Beiträge zum Klima von Wiesbaden. Wiesbaden. 53-66 p. 8°. (Sonderabdruck aus den Jahrbüchern des Nassauischen Vereins für Naturkunde in Wiesbaden, 66. Jahrgang, 1913.)

Shaw, Harry B.

An improved cog psychrometer. 183-185 p. 4°. (Reprinted from the Plant world, v. 17, no. 6, June, 1914.)

Spain. Servicio central hidráulico.

Instrucciones para la previsión y anuncio de crecidas. Primera edición. Madrid. 1914. 111 p. 5 plates. 4°.

Steadworthy, A.

Spectrum of lightning. 345-348 p. 5 plates. 8°. (Reprinted from the Journal of the Royal astronomical society of Canada. September-October, 1914.)

RECENT PAPERS BEARING ON METEOROLOGY AND SEISMOLOGY.

C. FITZHUGH TALMAN, Professor in charge of Library.

The subjoined titles have been selected from the contents of the periodicals and serials recently received in the Library of the Weather Bureau. The titles selected are of papers and other communications bearing on meteorology and cognate branches of science. This is not a complete index of the meteorological contents of all the journals from which it has been compiled. It shows only the articles that appear to the compiler likely to be of particular interest in connection with the work of the Weather Bureau.

American geographical society. Bulletin. New York. v. 47. January, 1915.

Reed, William Gardner. Climatic provinces of the western United States. p. 1-19.

Astrophysical journal. Chicago. v. 11. December, 1914.

Fowle, F[rederick] E[ugene]. Avogadro's constant and atmospheric transparency. p. 435-442.